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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/943,717	08/31/2001	William E. Hertling	10013677-1	1347

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
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Fort Collins, CO 80527-2400

EXAMINER

PWU, JEFFREY C

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 01/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/943,717

Applicant(s)

HERTLING ET AL.

Examiner

Jeffrey Pwu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-50 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-50 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

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DETAILED ACTION

Title

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-50 are rejected under 35 U.S.C. 102(e) as being unpatentable over Hunt et al. (U.S. 6,539,422).

Hunt et al. disclose claims:

1. A method of establishing an interface between a service and an application comprising: receiving a file by the application from a user system, wherein the file contains standardized interface data (1101); providing the file to the service (1102); generating a return file by the service, wherein the return file contains standardized interface data (1105); providing the return file to the application (1106); and providing the return file to the user system (1107).
2. The method of establishing an interface between a service and an application of claim 1 wherein the return file is presented as a browser interface (“This embodiment also provides a Java web browser interface to allow a remote operator to manage a single ADC device platform 100 from anywhere on the network”).

3. The method of establishing an interface between a service and an application of claim 1 further comprising: generating a dynamic user interface specification by the service; providing the dynamic user interface specification to application; generating a user interface response by the application; and providing the user interface response to the service (col.8, line 7-col.9, line 18).
4. The method of establishing an interface between a service and an application of claim 3 wherein the return file is presented as a browser interface (see “Java web browser interface”).
5. The method of establishing an interface between a service and an application of claim 3 wherein the user system determines content of the user interface response (see “managet (client)” or “network system manager”).
6. The method of establishing an interface between a service and an application of claim 5 wherein the return file is presented as a browser interface (410; claim 1).
7. The method of establishing an interface between a service and application of claim 3 wherein the user interface specification and user interface response are written in a markup language (abstract).
8. The method of establishing an interface between a service and application of claim 4 wherein the user interface specification and user interface response are written in a markup language. (abstract; col.8, lines 7-60).
9. The method of establishing an interface between a service and application of claim 5 wherein the user interface specification and user interface response are written in a markup language. (col.8, lines 7-6; col.14, lines 26-50; col.15, line 33-col.16, line 55).
10. The method of establishing an interface between a service and application of claim 6 wherein

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the user interface specification and user interface response are written in a markup language. (col.8, lines 7-6; col.14, lines 26-50; col.15, line 33-col.16, line 55).

11. A system for establishing an interface comprising of: a user system; an application that receives a file the user system, wherein the file contains standardized interface data; and a service that receives the file and generates a return file containing standardized interface data, sending the return file to the application and the user system. (claim 11 is similarly rejected as in claims 1-10)

12. The system for establishing an interface of claim 11 wherein the return file is presented as a browser interface. (claim 12 is similarly rejected as in claims 1-10)

13. The system for establishing an interface of claim 11 further comprised of: a dynamic user interface specification generated by the service, wherein the dynamic user interface specification is provided to the application; and a user interface response generated by the application; wherein the user interface response is provided to the service. (claim 13 is similarly rejected as in claims 1-10)

14. The system for establishing an interface of claim of claim 13 wherein the return file is presented as a browser interface. (claim 14 is similarly rejected as in claims 1-10)

15. The system for establishing an interface of claim of claim 13 wherein the user system determines content of the user interface response. (claim 15 is similarly rejected as in claims 1-10)

16. The system for establishing an interface of claim of claim 15 wherein the return file is presented as a browser interface. (claim 16 is similarly rejected as in claims 1-10)

17. The system for establishing an interface of claim of claim 13 wherein the user interface

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specification and user interface response are written in a markup language. (claim 17 is similarly rejected as in claims 1-10)

18. The system for establishing an interface of claim of claim 14 wherein the user interface specification and user interface response are written in a markup language. (claim 18 is similarly rejected as in claims 1-10)

19. The system for establishing an interface of claim of claim 15 wherein the user interface specification and user interface response are written in a markup language. (claim 19 is similarly rejected as in claims 1-10)

20. The system for establishing an interface of claim of claim 16 wherein the user interface specification and user interface response are written in a markup language. (claim 20 is similarly rejected as in claims 1-10)

21. A computer system comprising: a processor; a computer; computer readable medium coupled to the processor; and computer code encoded in the computer readable medium, configured to cause the processor to: receive a file by the application from a user system, wherein the file contains standardized interface data; provide the file to the service; generate a return file by the service, wherein the return file contains standardized interface data; provide the return file to the application; and provide the return file to the user system. (claim 21 is similarly rejected as in claims 1-10)

22. The computer system of claim 21 wherein the return file is presented as a browser interface. (claim 22 is similarly rejected as in claims 1-10)

23. The computer system of claim 21 wherein the processor further: generates a dynamic user interface specification by the service; provides the dynamic user interface specification to application; generates a user interface response by the application; and provides the user interface response to the service. (claim 23 is similarly rejected as in claims 1-10)

24. The computer system of claim 20 wherein the configuration file is written in an extensible markup language. (claim 24 is similarly rejected as in claims 1-10)
25. The computer system of claim 23 wherein the user system determines content of the user interface response. (claim 25 is similarly rejected as in claims 1-10)
26. The computer system of 25 wherein the return file is presented as a browser interface. (claim 26 is similarly rejected as in claims 1-10)
27. The computer system of claim 23 wherein the user interface specification and user interface response are written in a markup language. (claim 27 is similarly rejected as in claims 1-10)
28. The computer system of claim 24 wherein the user interface specification and user interface response are written in a markup language. (claim 28 is similarly rejected as in claims 1-10)
29. The computer system of claim 25 wherein the user interface specification and user interface response are written in a markup language. (claim 29 is similarly rejected as in claims 1-10)
30. The computer system of claim 26 wherein the user interface specification and user interface response are written in a markup language. (claim 30 is similarly rejected as in claims 1-10)
31. An apparatus for establishing an interface comprising: means for receiving a file by the application from a user system, wherein the file contains standardized interface data; means for providing the file to the service; means for generating a return file by the service, wherein the return file contains standardized interface data; means for providing the return file to the application; and means for providing the return file to the user system. (claim 31 is similarly rejected as in claims 1-10; also see fig.10)
32. The apparatus of claim 31 wherein the return file is presented as a browser interface.

(claim 32 is similarly rejected as in claims 1-10)

33. The apparatus of claim 31 further comprising: means for generating a dynamic user interface specification by the service; means for providing the dynamic user interface specification to application; means for generating a user interface response by the application; and means for providing the user interface response to the service. (claim 33 is similarly rejected as in claims 1-10)

34. The apparatus of claim 33 wherein the return file is presented as a browser interface. (claim 34 is similarly rejected as in claims 1-10)

35. The apparatus of claim 33 wherein the user system determines content of the user interface response. (claim 35 is similarly rejected as in claims 1-10)

36. The apparatus of claim 35 wherein the return file is presented as a browser interface. (claim 36 is similarly rejected as in claims 1-10)

37. The apparatus of claim 33 wherein the user interface specification and user interface response are written in a markup language. (claim 37 is similarly rejected as in claims 1-10)

38. The apparatus of claim 34 wherein the user interface specification and user interface response are written in a markup language. (claim 38 is similarly rejected as in claims 1-10)

39. The apparatus of claim 35 wherein the user interface specification and user interface response are written in a markup language. (claim 39 is similarly rejected as in claims 1-10)

40. The apparatus of claim 36 wherein the user interface specification and user interface response are written in a markup language. (claim 40 is similarly rejected as in claims 1-10)

41. A computer program product encoded in computer readable media, the computer program

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product comprising: a first set of instructions, executable on a computer system, configured to receive a file by the application from a user system, wherein the file contains standardized interface data; a second set of instructions, executable on a computer system, configured to provide the file to the service; a third set of instructions, executable on a computer system, configured to generate a return file by the service, wherein the return file contains standardized interface data; a fourth set of instructions, executable on a computer system, configured to provide the return file to the application; and a fifth set of instructions, executable on a computer system, configured to provide the return file to the user system. (claim 41 is similarly rejected as in claims 1-10; also see col.5, line 22-col.6, line 67)

42. The computer program product of claim 41 wherein the return file is presented as a browser interface. (claim 42 is similarly rejected as in claims 1-10)

43. The computer program product of claim 41 further comprising: a fifth set of instructions, executable on a computer system, configured to generate a dynamic user interface specification by the service; a sixth set of instructions, executable on a computer system, configure to provide the dynamic user interface specification to application; a seventh set of instructions, executable on a computer system, configure to generate a user interface response by the application; and an eighth set of instructions, executable on a computer system, configure to provide the user interface response to the service. (claim 43 is similarly rejected as in claims 1-10)

44. The computer program product of claim 40 wherein the configuration file is written in an extensible markup language. (claim 44 is similarly rejected as in claims 1-10)

45. The computer program product of claim 43 wherein the user system determines content of the user interface response. (claim 45 is similarly rejected as in claims 1-10)

46. The computer program product of claim 45 wherein the return file is presented as a browser interface. (claim 46 is similarly rejected as in claims 1-10)

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47. The computer program product of claim 43 wherein the user interface specification and user interface response are written in a markup language. (claim 47 is similarly rejected as in claims 1-10)

48. The computer program product of claim 44 wherein the user interface specification and user interface response are written in a markup language. (claim 48 is similarly rejected as in claims 1-10)

49. The computer program product of claim 45 wherein the user interface specification and user interface response are written in a markup language. (claim 49 is similarly rejected as in claims 1-10)

50. The computer program product of claim 46 wherein the user interface specification and user interface response are written in a markup language. (claim 50 is similarly rejected as in claims 1-10)

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey Pwu whose telephone number is 571 272-6798.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



January 20, 2005

JEFFREY PWU
PRINCIPAL EXAMINER